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The

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Analysis of
Animal Feed
Products
Sold in Connecticut
2001

BY MARYJANE INCORVIA MATTINA

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From January 1, 2001 through December 31, 2001 the Department of Analytical Chemistry at The Connecticut Agricultural Experiment Station analyzed 256 animal feed products sold in Connecticut. The samples represented both products for domestic animals and for commercial agricultural operations. Forty-seven manufacturers were represented. The products were collected by John Schneider and Alton Van Dyke of the Connecticut Department of Agriculture and were analyzed by Craig Musante and Mamie Pyles under the supervision of Dr. David Stilwell.

A sample is reported to be unsatisfactory if the found value of a substance differs from the label guarantee using the percent analytical variation guidelines recommended by the Association of the American Feed Control Officials. Of the total number of samples, 22 (8.6%) were found to be unsatisfactory in one or more macronutrients. Specifically, 6 samples were deficient in protein; 10 were deficient in fat; and 6 contained an excess of fiber. In the accompanying Table 1 are shown the results of the analyses of macronutrients. A deficiency in a label-guaranteed substance value (%G) is indicated by a minus (-) sign next to the laboratory-found substance value (%F) and an excess of a substance by a plus (+) sign. Micronutrients are reported in Table 2 with deficiencies (-) and excesses (+) indicated next to the laboratory-found values. Data in Table 2 are in percent unless otherwise indicated. Of the 146 samples analyzed for micronutrients, 32 unacceptable levels of micronutrients were detected in 26 samples.

Table 1. Results of Analyses of Feed Products.

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
A.K. PHARMA, INC										
Cat-Sip Real Milk for Cats	2.5	4.3	1	5.9	0		88.74	90		
AGWAY, INC										
Agway Broiler Maker	21	21.3	3.5	4	2.9	2				
Agway Chick Starter Medicated Feed	18	19.2	3	3.3	4	2.6				
Agway Chick Grower Feed	14.5	14.85	3.5	4.1	4	2.9				
Agway Payback Complete Calf 16% (BOV)	16	16.8	3	3.9	13.9	11.7				
Agway Sow & Pig T-40 Medicated Feed	16	16.4	3	3.6	5.5	2.6				
Agway Hog Feed	14	16.5	3	3.4	3.7	2.6				
Agway Egg Layer	16	17	3	3.9	4	2.4				
Agway Game & Turkey Grower Feed	21	20.9	3	3.2	4.5	2.4				
Agway Game & Turkey Finisher & Maint. Feed	16	15.6	2.5	3.5	4	2.7				
Agway Hi-Energy Lamb Pellets (BO) Medicated	16	18.3	3.5	3.8	9	6.3				
Agway Dairy 16	16	18.8	2.5	3.5	12	7.5				
Agway Legends 12 Horse Feed	12	14.2	4	4.4	8	7.8				
Agway Legends 14P Horse Feed	14	15.9	4.5	4.4	8	6.9				
Agway Bonanza 12 Complete Horse Feed	12.5	14.9	3.5	3.3	24	18.4				
Agway Payback 22% Calf Starter (BOV)	22	21.9	3.5	4.2	5.2	3.9				
Agway Equitech 10% CP/10% Fat Horse Feed	9.9	11.3	9.6	8.8	9.3	6.5				
Agway Game & Turkey Grower IP	21	35.6	3	2.8	3.1	2.9				
Agway Chick Grower	14.5	15	3.5	4.1	4	2.9				
Agway Game & Turkey Finisher & Maintenance	16	25.3	2.5	3.3	4	3.3				
Agway Legends 12P Pelleted Horse Feed	12	14.1	4.5	4.2	8	7.3				
BIG Y FOODS										
Big Y Gourmet Fish & Shrimp Cat Food	13	14.8	3	3.5	1	0.4	78	79	3	1.2
Big Y Beef & Liver Cat Dinner	10	13.6	5	7.8	1	2.3+	78	74.4	2.5	2.3
Big Y Purr-Fect Blend Cat Food	31.5	31.4	8	7.2	4	1.4	12	7.8		
Big Y Turkey & Bacon Dinner for Dogs	9	8.9	6	11.5	1.5	0.8	78	74.1		
Big Y Bac'n Strips for Dogs	15	19.3	4	4.3	3.5	3.2	23	22.9		
Bulk dog bones	20	23.6	7	8.3	3	1.1	11	5.1		
Big Y High Pro Dog Food	28	26.8-	11	13.5	4	1.8	12	8		
BLUE SEAL FEEDS, INC.										
Blue Seal Grower-Cal Pellets	15	15.4	2.5	3.1	5	3				
Blue Seal Breeder Pellets	17	17.7	2.5	3.4	4	2.5				
Blue Seal Piglets Cumbles, Medicated	18	19.6	3	3.6	7	3.9				
Blue Seal Pelleted Dehydrated Alfalfa Meal	17	18.5	1.5	2.4	27	22.1				
Blue Seal Broiler Crumbles, CB-Medicated	22	22.2	6.5	7.2	4	2.4				
Blue Seal Llama Pellets	14	17	2.5	3.9	12.5	8.9				
Blue Seal Bunny 16 Rabbit Pellets	16	17.5	2.5	2.8	18	16.2				
Blue Seal Grower-Cal Mash	15	16.6	2.5	2.8	5	3				
Blue Seal Pelleted Beet Pulp	7	9.9	0.3	0.8	22	18.3				
Blue Seal Sunshine Plus with Yeast Culture	25	26.6	2	3.3	5	2.6				
Blue Seal Pork Maker Mash	13	16	3	3.9	7	5.2				
Blue Seal Turkey/Pheasant Start. Crumbles, Med.	28	27.7	4	5.1	4.5	2.7				
Blue Seal Hutch Plus 18 Rabbit Pellets	18	18.3	3	3.8	15	11.1				
Blue Seal Guinea Pig Pellets with added vit. C	20	20	4	4.1	16	10.1				

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
Blue Seal Layer Pellets	16	15.9	2.5	3.5	4	2.8				
Blue Seal Turkey Grower Pellets	20	18.9-	4	4.8	5	3				
Blue Seal Sow&Pig	15	15.8	3	3.9	8	5.2				
Blue Seal Gamebird Starter/Grower Crumbles	22	22	4	4.8	5	2.8				
Blue Seal Demand Horse Pellets with High Fat	16	16.4	6.5	7.2	6.5	4.5				
Blue Seal Trotter Complete Horse Pellets	14	13.7	2	3	20	9				
Blue Seal Vintage Senior Extruded Horse Feed	14.5	15.6	4.5	5.2	12	8.9				
Blue Seal Strider Horse Feed Pellets	11	13.7	3.5	3.5	7	4.7				
Blue Seal Shepherd 16 Maint. Pellets for Sheep	16	16.9	2	3.2	10	7.4				
Blue Seal Contender Horse Feed Pellets	16	16.7	3	3.6	7.5	5.6				
Blue Seal Deer Pellets	16	17	2.5	3.7	12.5	7.7				
Blue Seal Chick Starter-AM	20	21.4	2.5	2.8	5	3.1				
Blue Seal Milk-Maker 16	16	17.2	2	3.8	11	5.5				
Blue Seal Floating Fish Food 40/10	40.5	43.5	10	9.3	6	2				
Blue Seal Lamb Finisher Pellets	15	15.3	2.5	4.5	7	2.7				
Blue Seal Scratch Feed Wild Bird Feed	9	10.9	2.5	5.5	5	3				
Blue Seal Egg Maker Crumbles	17	16.7	2.5	3.1	4	2				
Blue Seal Lamb Pellets	18	18.8	2.5	4.4	7	3.4				
Blue Seal Hunter Horse Pellets with High Fat	14	17.4	6	6.1	9.5	8				
Purina Lamb Developer w/o	12	13.6	1.5	2.5	18	16.1				
Blue Seal Milk Maker 16	16	16.5	2	3.6	11	6.9				
Blue Seal Llama Pellets	14	14.4	2.5	6.3	12.5	9.3				
BREWERS YEAST SPECIALISTS										
BYS Brewers Yeast	42	38.7-	0.1	2	3	1	5	4.8	6	8.9+
BUMBLE BEE ACQUISITION CORP., INTERNATIONAL HOME FOODS										
Figaro Tuna Cat Food	18	23.4	2	4.5	1	0.3	78	74.5	3	1.2
C&S PRODUCTS										
C&S Almond Treat for Birds	4	6.5	25	55	10	9.7				
CARGILL, ANIMAL NUTRITION DIV.										
Cargill 10070 SH Hi ML	20.5	21	6.49	6.4	4.14	4				
Nutrena #3 00001B9 P20-W98 Country	18.15	19.2	6	5-	3	2.5				
Nutrena 300001-B Peaking 17	20	19.8	7	5.6-	3	2				
Nutrena 300007-H1 Assurance 14%	14	16.8	2.5	3.5	12	10.3				
Nutrena Focus Mapleline Farm Meal	27	26.7	3.89	3.4-	5.15	5.2				
Nutrena 5043 Horse Kwik Complete	14	14.8	2	3.3	20	16				
Nutrena 30000 1-2A Pullet Grower Medicated	17	16.8	3.5	3.9	3.5	2.9				
Nutrena 300001-J2 Layer Molt Peak 20#	17.07	17.4	5	4.3-	3	2.7				
Nutrena 300001-K2 Layer Molt A21	15.5	15.4	3.5	3.9	2.5	2.6				
Nutrena 108701-EY Berk LRF 2123	17	19.9	5	4.8	2.2	2.2				
Nutrena 10870+EV Berk LRF 1222	16.7	18.2	5	4.5	5	2.1				
Nutrena Rabbit Pellets	16	17.5	2.5	3.2	16	14.1				
Nutrena Egg Producer Pellets (ABF)	16	16.7	3	3.8	4.5	3.9				
Nutrena Chick Starter (ABF) Medicated	20	20.5	3	3.2	4	3.7				
Nutrena Turkey/Gamebird Grower Crumbles (ABF)	22	22.7	3	4.1	6	4.3				

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
Nutrena Turkey-Pheasant Start. Crumbles (AMP)										
(AMF) Medicated	28	28.3	3.5	4	5	3.5				
Nutrena Pig Starter Pellets (BMD30)(ABF) Med.	18	19.9	3.5	4.3	4	3.8				
Nutrena Top Lamb 16 Feed (ABF)	16	15.7	2	3.9	11	10.6				
Nutrena Pig & Hog Feed (ABF)	15	15.8	2.5	4.9	7	5.1				
Nutrena Excel 16 Dairy Feed (ABF)	16	16.6	2.5	3.1	10	8.9				
Nutrena Vitality Gold 14% Horse Feed (6F)	14	17	9	5.8-	8	8				
Nutrena Top Lamb 18 (B136)(ABF/BSV) Med.	18	17.7	2	4.1	10	6.1				
Cargill Milk Pellets (ABF)	28	29.2	3	3.5	3	3.1			10	9.6
Nutrena Life Design Prime 12 (ABF)	12	14	3	3	15	13.8				
Nutrena Life Design Complete (ABF)	14	15.7	7	5.4-	8	5				
Nutrena Triumph 12 Horse Pellets (ABF)	12	14.3	2.5	3.1	10	8.4				
Nutrena Life Design Youth (ABF)	16	17.3	4	4.2	7	5.8				
Nutrena Horse Kwik 12.5% Ration (ABF)	12.5	13.7	2	3	20	14.1				
Nutrena Horse Kwik Ration (w/roughage) (ABF)	14	14.8	2	3	21	12.6				
Nutrena Horse Kwik Pell. with Roughage (ABF)	14	15.3	2	3.3	21	14.8				
Nutrena Triumph 12 Horse Pellets (ABF)	12	14.7	2.5	3.3	10	8.3				
Nutrena Excel 16 Dairy Feed (ABF)	16	17.1	2.5	3.8	10	8.5				
Nutrena Egg Producer Meal (ABF)	16	14.9-	3	3.8	4.5	4.4				
Nutrena Pig & Hog Feed (ABF)	15	15	2.5	5.6	7	6.2				
Nutrena Top Lamb 16 Feed, No Add. Cu (ABF)	16	16.6	2	4.8	11	9.6				
Nutrena Sing & Soar Ultra Wild Bird Seed	13	13.6	10	26.1	16	7				
Nutrena 16% Rabbit Pellets (ABF)	16	16.8	2.5	2.9	16	13.9				
Nutrena Life Design Complete (ABF) Horse Fd	14	15.8	7	7.5	8	5.6				
CENTRAL CONNECTICUT CO-OP										
Central Co-Op #510-22% High Soluble Dairy	22	21.9	3	4.8	8.5	5.4				
Central Co-Op #508 High Soluble 20% Pellets	20	20.7	3	4.4	8.5	5.2				
Central Co-Op #5072 20% Co-A6 Pellets	20	20.1	3	5.8	8.5	4.3				
Central Co-Op #201 Turkey Starter	29	28.6	4	5.4	4	3.7				
Central Co-Op 16% Treat (Dairy)	16	16.6	3	4.1	8.5	5.4				
Central Co-Op #8075. 23% Hi Souble Dairy	23	22.9	3	4.6	8.5	5				
Central Co-Op (304) 18% Calf Pellets	16	18.3	3.5	4.1	16	12.3				
Central Co-Op (201) Turkey Starter	29	33.6	3	6.5	4	3.4				
Central Co-Op (433) Hog Grower	16	16.3	3.5	4.4	3.5	2.6				
Central Co-Op (560) 22% Ruminator Pellets	22	21.75	3	4.5	8.5	4				
Central Co-Op Fine Corn Meal	8	8.6	3.2	3.7	4	1.9				
Central Co-Op (562) 24% Ruminator Pellets	24	29.3	3	4.3	8.5	4.4				
DAD'S PRODUCTS CO.										
Dad's Special Mix, Chick. Beef & Seafood Cat	30	33.8	10	12.3	4	1.6	12	4.9		
Dad's Bones	18	20.7	8	7.4	4	3.2	12	5.1		
DOANE PET CARE										
Kozy Kitten Cat Food, Fish & Shrimp	28	33.6	8	13.1	4	1.1	12	5.6		
Big Bet Savory Cuts for Dogs	8	10	3	5	1	0.8	82	74.9		
Eight-in-One Pet Products										
Eight-in-One Parakeet Diet	11	12.3	5	4.7	7	5.4	12	10		
Eight-in-One Guinea Pig Diet	18	18.2	3.5	3.2	15	13	10	9.7		

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
F.M. BROWN'S SONS, INC.										
Encore Cockatiel Food	13.75	13.75	9.5	9.2	12	9.6	14	8.1		
FOODHOLD USA, C/O HEINZ PET PRODUCTS										
Sensational Ultra Gourmet Cat Fd, Cntry Chick.	11	10.8	5	8.4	1	1.8+	78	77.4	3	1.7
Prem. Balance Gourmet Dog Treats, Pnut Butter	22	22.1	7	6.3	3	1.2	11	5.1		
FRISKIES PET CARE CO										
Friskies Gourmet Flavor Cat Food	31	31.9	8	8.1	4.5	1.4	10	4		
Friskies Senior Cat Food, Ocean White Fish	9	12	2.5	4.3	1.5	0.6	82	77.4	3	2.3
Fancy Feast Chicken Cat Food	11	12.5	4	4.7	1.5	0.9	78	77.4	3.5	2.2
Alpo Liver & Chicken Premium Cat Food	10	11.7	5	8.8	1.5	1.2	78	74.2	2.5	2.1
Alpo Prime Cuts, Beef & Rice Dog Food	8	11.1	3	5.5	1.5	1.1	82	75.3		
HARTZ MOUNTAIN CORP.										
Hartz Shedding Remedy	9.22	9.9	21	25.7	0.94	0.7	4.39	4.3		
Hartz Ferret Diet	30	37	12	13.1	4	2.7	12	4.2		
Hartz Rabbit Food	17	17.2	3.5	4.1	15	15.6	12	9.5		
HEINOLD FEEDS										
Heinold 20% Lamb Creep with Deccox	20	21.7	4	4.9	4	3.3				
Heinold 17% Lamb Grower Pellets	17	33.1	3	3.3	10	9.4				
Heinold 17-17 Family Ration Rabbit Pellets	17	18.3	2.5	1.7-	19	16.3				
Heinold Starter Formula Rabbit Pellets	18	18.3	4	5.3	17	16.3				
Heinold 17-19 Wool Formula Rabbit Pellets	17	17	3	2.9	21	17.3				
Heinold 15-20 Show Formula Rabbit Pellets	15	15.8	3	2.5-	22.5	21.9				
HEINZ PET PRODUCTS										
9-Lives Select with Tuna	30	32.1	9	8.8	4.5	1.3	12	4.1		
9-Lives Tuna Select	14	16.2	2	1.4-	1	0.4	78	75.6	3	2.1
Skippy Premium Chunks in Gravy Dog Food	8	9.7	3	2.9	1.5	1	82	75.8		
HI-5 BISCUITS										
Hi-5 Biscuits, Cheasy Pleasy for Dogs	11	14.6	7	9.4	0.5	0.3	6	4.7	1.2	0.9
HILLS PET NUTRITION, INC.										
Hill's Science Diet, Feline Growth	33	33.5	23	21	3	1.7	10	4.8	7	3.9
Hill's Science Diet Canine Senior, Turkey Form.	4	5.1	2.5	2.5	1	0.8	78	74.8		
Hill's Science Diet Sr. Canine Dry Dog Food	16	18.5	12	13.4	5	3.6	10	8.4		
IAMS CO.										
Eukanuba Adult Lamb & Rice Form. Dog Food	23	24.4	14	14.3	4	2.2	10	7		
Iams Chicken Formula Cat Food	10	13.2	6.5	8	0.8	0.8	78	73.3	1.9	1.8
Iams Adult Cat Ocean Fish Dry Cat Food	32	31.6	21	21	3	2.6	10	5.7	7	6.6
Iams Small Biscuits	25	29	6	7.3	3	1.6	11	5.1		
Eukanuba Chicken & Rice Formula for Cats	34	34.5	21	22.6	2.5	2.1	10	6.5	7	6.1
Eukanuba Senior Maintenance Dog Food	9	9.6	3.54	3.4	1	1.3	78	74.6		

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
IGA, INCORPORATED										
IGA Hi-Pro Dog Food	27	27.7	10	9.1	4.5	4.7	12	6.8		
IGA Cat Food	31.5	35.4	10	10.3	4	2	12	5.7		
IGA Deluxe Dinner for Cats	12	13	6	7.6	1	3.2+	78	74.5	3	2.5
KAL KAN FOODS										
Whiskas Original Recipe Cat Food	30	31	12	13.5	4.5	1.7	12	7.5		
Cesar Select Din. W/ Chicken & Liver for Dogs	8	11.8	3.5	5	1	0.7	82	79.7		
Whiskas Homestyle Favorites, Mixed Grill	8		4		1		82		3	
Kal Kan Optimum with Beef	8	10.6	5	8.7	1.5	1.8	78	74.2	3	2.5
Pedigree Lit. Champs. Chick. Rice & Veg. Dogs	8	9.3	3	3.9	1.5	1.3	82	81		
Pedigree Joint Care Dog Treats	28	31.9	5	4.7	3	0.9	22	14		
Sheba with Turkey Cat Food	8	12.4	3.5	5.5	1	1.1	82	81.5	3	2
KAYTEE PRODUCTS INC.										
Kaytee Bay-Mor NC/15 Pigeon Feed	15	16.8	2	2	5	4.5	12	12.1		
Kaytee Forti-Diet Chinchilla	18	18	3	3.5	17	14.3	12	6.6		
L&M ANIMAL FARMS										
LM Vita Vittle for Gerbils	15	15	7	6.5	10	4.2	11	10.2		
MANNA PRO CORPORATION										
Manna Pro Double Duty Rabbit	16	18.9	2.5	2.7	21	15.4				
NABISCO										
Milk-Bone Original Dog Treats	12	15	8	8.7	2	0.5	12	4.7		
NATURE'S GOLD, DIV. HARTZ MOUNTAIN CORP.										
Nature's Gold Guinea Pig & Rab. Hon. 'n Grains	12	15.3	5	6.4	8	7.2	12	10.3		
NEW ENGLAND FEEDS/ WILD BIRD FOOD CO.										
North Eastern's Finest Select Blend Wild Bird Food		15	11-	15	16.8	17	7			
NUTRO PRODUCTS, INC.										
Nutro Max Kitten Food	11	10.8	6	7.9	1	0.5	78	76.7	3	1.8
Nutro Max Bones	24	26	5	6.3	3	2	11	4.9		
Nutro Natural Choice Cat Food, Odor Control	30	31.7	15	16.1	3.5	1.8	10	5.3	6.75	6.9
NYLABONE PRODUCTS, DIV. TFH PUBLICATIONS, INC.										
Nylabone Carrot Oodles for Rabbits	45.2	39.2-	1.4	1.5	5.4	4.1	13	6.1	4	4.6+
OLD MOTHER HUBBARD										
Old Mother Hubbard Turkey & Giblets Cat Din.	9	9.8	6.5	10.3	1	3+	78	75.1	1.8	1.6
Old Mother Hubbard Original Flavor Dog Bisc.	22	21.6	7	6.9	3	1.5	11	6.5		
ORGANIC UNLIMITED										
Vintage Cert. Organic 20% Past. Poultry Ration	20	21.6	6.4	7.9	3.3	3.8				
Vintage Certified Organic Peak Layer	16.5	16.9	3	6.7	3.5	2.6				

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
PMI FEEDS, INC.										
Mazuri Mini Pig Active Adult	16	17.2	3	4.1	11	9.5				
Aquamax Grower 600	41	41	12	12.7	4	2.2				
Mazuri EMV Maintenance	17	18.5	2	2.8	11	8.2				
PRO-PET, INC./NY										
Li'l Red Fish & Liver Cat Food	9	12.7	5	5.4	1	1.3	78	78.7		
PRO-PET, LLC/OHIO										
Big Red High Energy Dog Food	26	29.4	11	12.3	5	2.5	10	8.3		
Big Red Puppy Food	28	31.5	12	11.9	5	2.9	10	7.8		
Big Red Rabbits Choice Rabbit Food	15	15.9	2	3.2	18	16.5				
Big Red Guinea Pig Food	18	18.5	4	4.4	15	14.2	11	9.4	7.5	7.5
Big Red Producer's Choice 15 Rabbit Food	15	15.8	2	3	15	17.6+				
Big Red Beef Dinner for Dogs	9	10.6	5	7	1.5	1.7	78	77.2		
Big Red Bacon & Cheese Dog Biscuits	20	21.6	7	7.9	3	1.2	11	5.8		
PURINA MILLS, INC.										
Pro Plan Turkey & Barley Form. Adult Dog Fd	25	27	15	16.3	3	2.4	12	7.4		
Purina Mills Layena	16	16.2	1.5	3.6	7	4.5				
Purina Milk Chow Special (B) 16% Coarse	16	16	2	3.5	9	4.2				
Purina Coarse 14	14	14.7	2	4.1	15	12.7				
Purina Mills Start&Grow MP 0.0125%	17	17.5	3	4.8	5	3.4				
Purina Rabbit Chow Complete Blend	16	17.5	1.5	3.2	17	14.7				
Purina Game Bird Maintenance Chow	12.5	12.7	2.5	3.8	10	4.7				
Purina Mills Meat Builder	20	20.3	3	6.2	5	3.7				
Purina Hog Grower Chow OTC50 Medicated	16	16.2	2.5	5.6	5	3.3				
Purina Duck Grower w/o	16	17.7	3	3.8	5	2.5				
Purina Turkey Grower NT 0.01875% Med.	20	19.9	3	5.3	5.5	3.5				
Purina Horse Chow 100	10	13.1	2	3.1	30	16.7				
Purina Omolene 100	10	10.9	3.5	4.9	6	4.8				
Purina Pure-Pride 100	10	12.8	2.5	2.7	12	7.9				
Purina Keystone Pre-Lean 25/40 CPSTZ	19	22	5	4.6	5	2.5				
Purina Prepare Complete 1, 18%E	18	20	2.5	3.3	12	7.3				
Purina Economy Chow Special 14%	14; ;	16.4	1.5	4	25	7.8				
Purina Strategy Professional Formula GX	14	14.6	6	6	8	7.5				
Purina New England Pride Horse Feed	14	14.2	2	3.1	20	14.1				
Purina Athlete Horse Feed	14	14.4	14	14.8	4	2.8				
Purina Right Bites Fish Flavor Cat Treats	15	18	7	9.2	2	2.2	35	33.7		
Purina Tender Vittles Moist Cat Food, Tuna	24	35.3	8.5	12.9	3.5	1.6	39	17.3		
Purina Cat Chow	31.5	34.4	11	12.8	4.5	1.2	12	5.2		
Pro Plan Beef Cat Food	8	10.6	4	5.7	1	1	82	79.9		
ROLF C. HAGEN CORPORATION										
Nutrience Kitten Food	33	33.3	20	19	3	2	10	6	6.5	8.3+
Nutrience Adult Dog Food	26	26.7	16	15.1	4	1.6	10	5.6	9	8.2

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
ROYAL CANIN USA, INC.										
Kasco Mini-chunks Dog Food	26	27.5	15	15.4	3.5	2.4	11	6.8		
Sensible Choice Dog Fd Chick. Meal Rice Form.	21	22.4	12	12.7	5	4.9	10	7.3		
STOP & SHOP										
Stop & Shop Original High Pro. Din. for Cats	31.5	34.9	10	10.6	4	2.2	12	7.6		
Stop & Shop Moist Dinners for Cats, Tuna	24	25.9	8.5	9.2	3.5	3	34	23		
Stop & Shop Tuna Dinner for Cats	11	12.3	5	4.3	1	0.6	78	76.1	3	2.6
Stop & Shop Classic Blend Wild Bird Food	9	11.5	3	5.2	14	5.7				
Stop & Shop Country Chicken Dinner	10	9.9	6	7.1	1	1.2	78	77.8	2.5	2.3
Stop & Shop Flavored Treats	15	22.9	6	5.8	4	2.2	12	6		
Stop & Shop Jerky Strips, Beef Flavor	28	34	5	6.3	2	1.2	24	20.7		
Stop & Shop Gravy Style Dog Food	21	22.9	8	9.2	4.5	3.7	12	7		
Stop & Shop Moist Burger	18	19.9	7	7.5	3	3.3	36	24.2		
SUNFLOWER, INC.										
Feathered Friend Parakeet Food	14	13.8	4	5.9	9	4.9	12	9.9		
Feathered Friend Woodpecker Cake	14	14.6	25	25	9	4.9	11	6.1		
TETRA SALES										
Tetra Mini Tropical Tablets Fish Food	45	44	6	5.8	1.5	0.7	6	5.4		
TRIUMPH PET INDUSTRIES										
Triumph Chicken Formula for Dogs	10	12.2	6	8.3	1	1.7+	78	76.2	2	1.8
WAGNER BROS. FEED CORP.										
Nat. Audubon Society Pref. Suet & Peanut Cake	6	7.9	35	41	12	7				
Wagner's Fruit 'n Berry Bell	12	15	3.25	10.7	12	7.6				
WAKEFERN FOOD CORPORATION										
Shop Rite Dog Biscuits	20	21.5	7	7.8	3	2.9	12	5.2		
Shop Rite Redi-Mixt Dog Food	21	23.8	8	8.9	4.5	4.4	10	5.2		
Shop Rite Moist Cat Food	24	24.6	8.5	9	3.5	2.2	34	25.9		
Shop Rite Chicken Dinner Gourmet Cat Food	11	12.9	5	7.3	1	1.3	78	77.1	2	1.7
Shop Rite Beef Hide Treats	80	100	0.9	0.5	2	0.4	15	9		
WAL-MART STORES, INC.										
Ol' Roy Gourmet Beef for Dogs	8	10	4	5.3	1	0.9	80	78.6	2.5	2.6
Ol' Roy Chicken for Dogs	8	11.8	3	4.2	1	0.4	82	74.9		
Ol' Roy Dog Biscuits	20	24.3	6	6.7	3	1.6	10	4.8		
Special Kitty Mixed Grill Cat Food	10	14.5	5	7.1	1	0.7	78	75.8	2.5	2.5
Max. Nutr. Chicken & Rice Formula for Kittens	36	37.6	22	26.7	2.5	2.7	12	4.7		
Ol' Roy Dog Food	26	27.9	14	13.4	4	3.7	12	7		
WARDLEY PRODUCTS CORP.										
Wardley Reptile Food	38	44	4	5.8	3	1.7	9	6.9		

Table 1. Results of Analyses of Feed Products (continued).

Manufacturer/Sample Description	Protein		Fat		Fiber		Moisture		Ash	
	%G	%F	%G	%F	%G	%F	%G	%F	%G	%F
WAUREGAN GRAIN CO.										
Wauregan Layer	15	15.8	3	3	4	3.3				
Wauregan Rabbit Pellets 16	16	18.8	3	2.5-	18	18				
Wauregan Pace-Setter Horse Feed & Growth Devel. Form.	16	17.7	3	2.9	11.5	10.8				
Wauregan Turkey Game Bird Grower	22	22.5	3.5	3.3	4.5	3.9				
Wauregan Pace-Setter Horse Feeds, Equine Complete (Pelleted)	14	14.1	3	3	16	15.4				
Wauregan Pace-Setter Horse Feeds, Trail Ride 12	12	12	3.5	2.9-	12.5	12.9				
Wauregan Texturized 16%	16	16.5	3	4.1	8	5.7				
Wauregan Pace-Setter Horse Feeds, Trail Ride 12, Texturized	12	13.2	3	3.5	10	8.1				
Wauregan Heifer Grower Pellets, Medicated	16	18.1	3	4.6	8	6.3				
Wauregan Sheep & Goat	18	19.4	3	4.3	7	7.6				
Wauregan Milkers Choice 168	16	17.8	3	4.8	8	8.6				
Wauregan Pace-Setter Horse Feeds, Performance Plus, Pelleted	13	14.15	5	4-	11	11.9				

Table 2. Results of Micronutrient Analyses of Feed Products.

Manufacturer/Sample description	Micronutrients
AGWAY, INC.	
Agway Broiler Maker	Calcium 1; Phosphorus 0.68; Sodium 0.12
Agway Chick Starter Medicated Feed	Calcium 0.75; Phosphorus 0.8; Sodium 0.095-
Agway Chick Grower Feed	Calcium 0.8; Phosphorus 0.8; Sodium 0.15
Agway Payback Complete Calf 16% (BOV)	Calcium 1; Phosphorus 0.8; Selenium 0.23ppm
Agway Sow & Pig T-40 Medicated Feed	Calcium 1; Phosphorus 0.8; Zinc 90ppm; Sodium 0.17; Selenium 0.3ppm
Agway Hog Feed	Calcium 0.9; Phosphorus 0.6; Zinc 72ppm; Sodium 0.19; Selenium 0.3ppm
Agway Egg Layer	Calcium 3.4; Phosphorus 0.7; Sodium 0.17
Agway Game & Turkey Grower Feed	Calcium 1.2; Phosphorus 1; Sodium 0.2
Agway Game & Turkey Finisher & Maintenance Feed	Calcium 0.9; Phosphorus 0.9; Sodium 0.13
Agway Hi-Energy Lamb Pellets (BO) Medicated	Calcium 1.4; Phosphorus 0.8; Sodium 0.19-; Selenium 0.3ppm
Agway Dairy 16	Calcium 1.4; Phosphorus 1; Selenium 0.6ppm
Agway Legends 12 Horse Feed	Calcium 1; Phosphorus 0.9; Zinc 204ppm; Selenium 0.25ppm-; Copper 74ppm
Agway Legends 14P Horse Feed	Calcium 0.9; Phosphorus 0.9; Zinc 232ppm; Selenium 0.45ppm; Copper 80ppm
Agway Bonanza 12 Complete Horse Feed	Calcium 1.3; Phosphorus 0.6; Zinc 130ppm; Selenium 0.22ppm; Copper 37ppm
Agway Payback 22% Calf Starter (BOV)	Calcium 1.2; Phosphorus 0.7; Selenium 0.3ppm
Agway Equitech 10% CP/10% Fat Horse Feed	Calcium 0.9; Phosphorus 0.6; Zinc 178ppm; Selenium 0.4ppm; Copper 50ppm
Agway Game & Turkey Grower IP	Calcium 1.4; Phosphorus 1.3; Sodium 0.15
Agway Chick Grower	Calcium 1.1; Phosphorus 0.8; Sodium 0.17
Agway Game & Turkey Finisher & Maintenance	Calcium 1.1; Phosphorus 1.4; Sodium 0.21
Agway Legends 12P Pelleted Horse Feed	Calcium 1.2; Phosphorus 0.9; Zinc 241ppm; Selenium 0.7ppm; Copper 58ppm
BIG Y FOODS	
Big Y Purr-Fect Blend Cat Food	Calcium 1.3; Phosphorus 1.1
BLUE SEAL FEEDS, INC.	
Blue Seal Grower-Cal Pellets	Calcium 0.8; Phosphorus 0.6
Blue Seal Breeder Pellets	Calcium 2.9; Phosphorus 0.5
Blue Seal Piglets Cumbles, Medicated	Calcium 0.8; Phosphorus 0.7; Zinc 109ppm; Selenium 0.17ppm-
Blue Seal Broiler Crumbles, CB-Medicated	Calcium 1.2; Phosphorus 0.6
Blue Seal Llama Pellets	Calcium 1.1; Phosphorus 0.8
Blue Seal Bunny 16 Rabbit Pellets	Calcium 0.9; Phosphorus 0.8
Blue Seal Grower-Cal Mash	Calcium 1; Phosphorus 0.8
Blue Seal Sunshine Plus with Yeast Culture	Calcium 0.8; Phosphorus 0.7; Potassium 1.3; Zinc 119ppm; Selenium 1.1ppm-; Copper 14ppm
Blue Seal Pork Maker Mash	Calcium 0.9; Phosphorus 0.7; Zinc 152ppm; Selenium 0.3ppm
Blue Seal Turkey/Pheasant Starter Crumbles. Medicated	Calcium 1.2; Phosphorus 1
Blue Seal Hutch Plus 18 Rabbit Pellets	Calcium 0.8; Phosphorus 0.8
Blue Seal Guinea Pig Pellets with added vitamin C	Calcium 1; Phosphorus 0.7
Blue Seal Layer Pellets	Calcium 4.3; Phosphorus 0.5
Blue Seal Turkey Grower Pellets	Calcium 1.3; Phosphorus 0.8
Blue Seal Sow&Pig	Calcium 1; Phosphorus 0.7; Zinc 170ppm; Selenium 0.3ppm
Blue Seal Gamebird Starter/Grower Crumbles	Calcium 0.9; Phosphorus 0.8

Table 2. Results of Micronutrient Analyses of Feed Products (continued).

Manufacturer/Sample description	Micronutrients
Blue Seal Demand Horse Pellet with High Fat	Calcium 1.2; Phosphorus 0.8; Zinc 138ppm; Selenium 0.3ppm; Copper 47ppm
Blue Seal Trotter Complete Horse Pellets	Calcium 1.3; Phosphorus 0.9; Zinc 135ppm; Selenium 0.22ppm; Copper 37ppm
Blue Seal Vintage Senior Extruded Horse Feed	Calcium 1.0; Phosphorus 0.9; Zinc 232ppm; Selenium 0.34ppm; Copper 45ppm
Blue Seal Strider Horse Feed Pellets	Calcium 1.2; Phosphorus 0.9; Zinc 157ppm; Selenium 0.33ppm; Copper 31ppm
Blue Seal Shepherd 16 Maintenance Pellets for Sheep	Calcium 2.2+; Phosphorus 0.9; Selenium 0.2ppm-
Blue Seal Contender Horse Feed Pellets	Calcium 1.3; Phosphorus 0.8; Zinc 162ppm; Selenium 0.3ppm; Copper 36ppm
Blue Seal Deer Pellets	Calcium 1.1; Phosphorus 0.9
Blue Seal Chick Starter-AM	Calcium 0.8; Phosphorus 0.6
Blue Seal Milk-Maker 16	Calcium 1.25; Phosphorus 0.9; Selenium 0.34ppm
Blue Seal Floating Fish Food 40/10	Phosphorus 1.3
Blue Seal Lamb Finisher Pellets	Calcium 0.9; Phosphorus 0.5; Selenium 0.3ppm
Blue Seal Egg Maker Crumbles	Calcium 4; Phosphorus 0.6
Blue Seal Lamb Pellets	Calcium 1.0; Phosphorus 0.6; Selenium 0.4ppm
Blue Seal Hunter Horse Pellets with High Fat	Calcium 1.2; Phosphorus 0.9; Zinc 187ppm; Selenium 0.4ppm; Copper 78ppm
Purina Lamb Developer w/o	Calcium 0.88+; Phosphorus 0.5; Selenium 0.3ppm
Blue Seal Milk Maker 16	Calcium 1.4; Phosphorus 1; Selenium 0.6ppm
Blue Seal Llama Pellets	Calcium 1.1; Phosphorus 0.8
CARGILL, ANIMAL NUTRITION DIV.	
Cargill 10070 SH Hi ML	Calcium 2.1; Phosphorus 0.8; Magnesium 0.53-; Potassium 1.6; Sodium 0.7
Nutrena #3 00001B9 P20-W98 Country	Calcium 5.9+; Phosphorus 0.7; Sodium 0.19
Nutrena 300001-B Peaking 17	Calcium 6.1+; Phosphorus 0.7; Sodium 0.17
Nutrena 300007-H1 Assurance 14%	Calcium 1.7+; Phosphorus 1.0; Zinc 166ppm; Selenium 0.3ppm; Copper 36ppm
Nutrena Focus Mapleline Farm Meal	Calcium 1.6; Phosphorus 0.7; Sodium 0.9
Nutrena 5043 Horse Kwik Complete	Calcium 2.1+; Phosphorus 1.0; Zinc 184ppm; Selenium 0.3ppm; Copper 46ppm
Nutrena 30000 1-2A Pullet Grower Medicated	Calcium 0.9; Phosphorus 0.6; Sodium 0.13
Nutrena 300001-J2 Layer Molt Peak 20#	Calcium 4.5; Phosphorus 0.6; Sodium 0.16
Nutrena 300001-K2 Layer Molt A21	Calcium 4.1; Phosphorus 0.46; Sodium 0.18
Nutrena 108701-EY Berk LRF 2123	Calcium 4.3; Phosphorus 0.8; Sodium 0.17
Nutrena 10870+EV Berk LRF 1222	Calcium 5.1+; Phosphorus 0.7; Sodium 0.19
Nutrena Rabbit Pellets	Calcium 1.2; Phosphorus 0.9; Sodium 0.25
Nutrena Egg Producer Pellets (ABF)	Calcium 3.3; Phosphorus 0.9; Sodium 0.15
Nutrena Chick Starter (ABF) Medicated	Calcium 1; Phosphorus 0.8; Sodium 0.28
Nutrena Turkey/Gamebird Grower Crumbles (ABF)	Calcium 1.0; Phosphorus 1.1; Sodium 0.17
Nutrena Turkey-Pheasant Starter Crumbles	(AMP)(AMF) Medicated Calcium 1.4; Phosphorus 1.2; Sodium 0.14
Nutrena Pig Starter Pellets (BMD30)(ABF) Medicated	Calcium 1.3; Phosphorus 0.7; Zinc 187ppm; Sodium 0.36; Selenium 0.4ppm
Nutrena Top Lamb 16 Feed (ABF)	Calcium 1.1; Phosphorus 1.0; Sodium 0.3
Nutrena Pig & Hog Feed (ABF)	Calcium 1.1; Phosphorus 1.0; Zinc 154ppm; Sodium 0.32; Selenium 0.6ppm
Nutrena Excel 16 Dairy Feed (ABF)	Calcium 0.9; Phosphorus 1; Sodium 0.44; Selenium 0.5ppm
Nutrena Vitality Gold 14% Horse Feed (6F)	Calcium 1.4; Phosphorus 1.2; Zinc 200ppm; Selenium 0.3ppm; Copper 62ppm
Nutrena Top Lamb 18 (B136)(ABF/BSV) Medicated	Calcium 1.0; Phosphorus 0.7; Sodium 0.3; Selenium 0.3ppm

Table 2. Results of Micronutrient Analyses of Feed Products (continued).

Manufacturer/Sample description	Micronutrients
Cargill Milk Pellets (ABF)	Calcium 2.1; Phosphorus 1.2; Magnesium 0.2; Potassium 1.7; Sodium 0.2; Cobalt 2.7ppm; Copper 116ppm
Nutrena Life Design Prime 12 (ABF)	Calcium 0.8; Phosphorus 0.8; Zinc 162ppm; Selenium 0.45ppm; Copper 64ppm
Nutrena Life Design Complete (ABF)	Calcium 1.6 +; Phosphorus 0.9; Zinc 164ppm; Selenium 0.6ppm; Copper 66ppm
Nutrena Triumph 12 Horse Pellets (ABF)	Calcium 1.1; Phosphorus 0.9; Zinc 141ppm; Selenium 0.4ppm; Copper 25ppm
Nutrena Life Design Youth (ABF)	Calcium 1.3; Phosphorus 1.0; Zinc 180ppm; Selenium 0.6ppm; Copper 70ppm
Nutrena Horse Kwik 12.5% Ration (ABF)	Calcium 1.3; Phosphorus 0.9; Zinc 146ppm; Selenium 0.3ppm; Copper 35ppm
Nutrena Horse Kwik Ration (w/roughage) (ABF)	Calcium 1.1; Phosphorus 0.9; Zinc 208ppm; Selenium 0.4ppm-; Copper 32ppm
Nutrena Horse Kwik Pellets with Roughage (ABF)	Calcium 1; Phosphorus 0.9; Zinc 147ppm; Selenium 0.6ppm; Copper 30ppm
Nutrena Triumph 12 Horse Pellets (ABF)	Calcium 1.1; Phosphorus 0.9; Zinc 143ppm; Selenium 0.34ppm; Copper 34ppm
Nutrena Excel 16 Dairy Feed (ABF)	Calcium 0.8; Phosphorus 1; Potassium 1.1; Sodium 0.4; Selenium 0.3ppm
Nutrena Egg Producer Meal (ABF)	Calcium 4.0; Phosphorus 0.9; Sodium 0.15
Nutrena Pig & Hog Feed (ABF)	Calcium 1.1; Phosphorus 0.8; Zinc 142ppm; Sodium 0.2; Selenium 0.4ppm
Nutrena Top Lamb 16 Feed, No Added Copper (ABF)	Calcium 1.0; Phosphorus 0.7; Sodium 0.2
Nutrena 16% Rabbit Pellets (ABF)	Calcium 1.2; Phosphorus 0.9; Sodium 0.25
Nutrena Life Design Complete (ABF) Horse Feed	Calcium 1.1; Phosphorus 1; Zinc 163ppm; Selenium 0.8ppm; Copper 36ppm-
DOANE PET CARE	
Kozy Kitten Cat Food, Fish & Shrimp	Calcium 1.4; Phosphorus 1.1
FRISKIES PET CARE CO	
Friskies Gourmet Flavor Cat Food	Calcium 1.7; Phosphorus 1.7
HARTZ MOUNTAIN CORP.	
Hartz Ferret Diet	Calcium 3; Phosphorus 1.9; Magnesium 0.2; Potassium 0.6; Copper 19ppm
HEINOLD FEEDS	
Heinold 17% Lamb Grower Pellet	Calcium 3.6+; Phosphorus 0.9; Selenium 0.5ppm
Heinold 17-17 Family Ration Rabbit Pellets	Calcium 1; Phosphorus 0.7
Heinold 17-19 Wool Formula Rabbit Pellets	Calcium 1; Phosphorus 0.5
Heinold 15-20 Show Formula Rabbit Pellets	Calcium 1; Phosphorus 0.6
HEINZ PET PRODUCTS	
9-Lives Select with Tuna	Calcium 1.4; Phosphorus 1.2
HILLS PET NUTRITION, INC.	
Hill's Science Diet. Feline Growth	Calcium 1.6; Phosphorus 1.3
Hill's Science Diet Canine Senior, Turkey Formula	Calcium 0.15; Phosphorus 0.1

Table 2. Results of Micronutrient Analyses of Feed Products (continued).

Manufacturer/Sample description	Micronutrients
IAMS CO.	
Iams Chicken Formula Cat Food	Magnesium 0.025
Iams Adult Cat Ocean Fish Dry Cat Food	Magnesium 0.1
Eukanuba Chicken & Rice Formula for Cats	Magnesium 0.1
KAL KAN FOODS	
Whiskas Original Recipe Cat Food	Calcium 0.94; Phosphorus 1
MANNA PRO CORPORATION	
Manna Pro Double Duty Rabbit	Calcium 1.1; Phosphorus 0.7; Sodium 0.2
NUTRO PRODUCTS, INC.	
Nutro Natural Choice Cat Food, Odor Control	Magnesium 0.1%; Zinc 221ppm
PMI FEEDS, INC.	
Mazuri Mini Pig Active Adult	Calcium 1.2; Phosphorus 0.9; Zinc 300ppm; Sodium 0.16; Selenium 0.3ppm
Aquamax Grower 600	Calcium 2.9+; Phosphorus 1.9; Sodium 0.2
Mazuri EMV Maintenance	Calcium 1.7; Phosphorus 1.1
PRO-PET, LLC/OHIO	
Big Red Rabbits Choice Rabbit Food	Calcium 1; Phosphorus 0.7
Big Red Producer's Choice 15 Rabbit Food	Calcium 1.3; Phosphorus 0.8
PURINA MILLS, INC.	
Pro Plan Turkey & Barley Formula Adult Dog Food	Calcium 1; Phosphorus 0.9
Purina Mills Layena	Calcium 4.8; Phosphorus 0.7
Purina Milk Chow Special (B) 16% Coarse	Calcium 0.7; Phosphorus 0.6; Selenium 0.35ppm-
Purina Coarse 14	Calcium 0.9; Phosphorus 0.6; Potassium 1.2; Selenium 0.3ppm
Purina Mills Start&Grow MP 0.0125%	Calcium 0.9; Phosphorus 0.8
Purina Rabbit Chow Complete Blend	Calcium 1.1; Phosphorus 0.6
Purina Game Bird Maintenance Chow	Calcium 1; Phosphorus 0.8
Purina Mills Meat Builder	Calcium 1.3; Phosphorus 0.9
Purina Hog Grower Chow OTC50 Medicated	Calcium 0.8; Phosphorus 0.8; Zinc 122ppm; Selenium 0.3ppm
Purina Duck Grower w/o	Calcium 0.7; Phosphorus 0.8
Purina Turkey Grower NT 0.01875% Medicated	Calcium 1.3; Phosphorus 0.9
Purina Horse Chow 100	Calcium 0.9; Phosphorus 0.7; Zinc 160ppm; Selenium 0.3ppm; Copper 28ppm
Purina Omolene 100	Calcium 0.8; Phosphorus 0.5; Zinc 132ppm; Selenium 0.3ppm-; Copper 32ppm
Purina Pure-Pride 100	Calcium 0.9; Phosphorus 0.7; Zinc 267ppm; Selenium 0.6ppm; Copper 41ppm
Purina Keystone Pre-Lean 25/40 CPSTZ	Calcium 1.1; Phosphorus 0.9; Zinc 281ppm; Selenium 0.4ppm
Purina Prepare Complete 1, 18%E	Calcium 1.3; Phosphorus 1.1; Selenium 1.7ppm
Purina Economy Chow Special 14%	Calcium 1; Phosphorus 1.3; Selenium 0.44ppm-
Purina Strategy Professional Formula GX	Calcium 0.9; Phosphorus 0.9; Zinc 256ppm; Selenium 0.5ppm; Copper 50ppm
Purina New England Pride Horse Feed	Calcium 0.7; Phosphorus 1; Zinc 118ppm; Selenium 0.5ppm; Copper 22ppm
Purina Athlete Horse Feed	Calcium 0.8; Phosphorus 0.6; Zinc 208ppm; Selenium 0.85ppm-; Copper 42ppm

Table 2. Results of Micronutrient Analyses of Feed Products (continued).

Manufacturer/Sample description	Micronutrients
Purina Right Bites Fish Flavor Cat Treats	Zinc 456ppm; manganese 53ppm; Copper 50ppm
Purina Cat Chow	Calcium 1.1
ROLF C. HAGEN CORPORATION	
Nutrience Kitten Food	Calcium 1.5; Phosphorus 1.0; Magnesium 0.1
Nutrience Adult Dog Food	Calcium 1.6; Phosphorus 1.2
TETRA SALES	
Tetra Mini Tropical Tablets Fish Food	Phosphorus 1.3
WAL-MART STORES, INC.	
Ol' Roy Dog Biscuits	Calcium 1.2
WAUREGAN GRAIN CO.	
Wauregan Layer	Calcium 2.7; Phosphorus 0.42
Wauregan Pace-Setter Horse Feed & Growth Dev. Form.	Calcium 1; Phosphorus 0.7; Zinc 211ppm; Copper 49ppm
Wauregan Pace-Setter Horse Feeds, Equine Compl. (Pell.)	Calcium 1.2+; Phosphorus 0.7; Zinc 198ppm; Selenium 0.4ppm; Copper 42ppm
Wauregan Pace-Setter Horse Feeds, Trail Ride 12	Calcium 0.9; Phosphorus 0.6; Zinc 138ppm; Selenium 0.3ppm; Copper 21ppm-
Wauregan Texturized 16%	Calcium 0.7; Phosphorus 0.7; Magnesium 0.3; Potassium 1.2; Sulfur 0.3
Wauregan Pace-Setter Horse Feeds, Trail Ride 12, Text.	Calcium 0.7; Phosphorus 0.6; Zinc 69ppm-; Selenium 0.1ppm-; Copper 14.5ppm-
Wauregan Milkers Choice 168	Calcium 1.7+; Phosphorus 1; Potassium 1; Sulfur 0.3
Wauregan Pace-Setter Horse Feeds, Perform. Plus, Pell.	Calcium 1.1+; Phosphorus 0.6; Zinc 77ppm-; Selenium 0.1ppm-; Copper 9ppm-

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